

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/07248

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01Q21/28 G01S5/14 H04B7/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q G01S H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>HOPF ELEKTRONIK GMBH: "Technical Description 8 x GPS Power Splitter 4449"</p> <p>HOPF ELEKTRONIK GMBH, 'Online!</p> <p>21 March 2001 (2001-03-21), XP002220840</p> <p>Retrieved from the Internet:</p> <p>&lt;URL: <a href="http://www.hopf.com/download/manuals/english/4xxx/e4449_0100.pdf">http://www.hopf.com/download/manuals/english/4xxx/e4449_0100.pdf</a>&gt;</p> <p>'retrieved on 2002-11-14!</p> <p>page 4</p> <p style="text-align: center;">---</p> <p style="text-align: center;">-/--</p>	1-10

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the International search

21 November 2002

Date of mailing of the International search report

11/12/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Grübl, A

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/07248

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>MAKI S C: "A low-cost GPS inertial guidance (GPSIG) for space boosters"</p> <p>IEEE PLANS '90: POSITION LOCATION AND NAVIGATION SYMPOSIUM RECORD. 'THE 1990'S - A DECADE OF EXCELLENCE IN THE NAVIGATION SCIENCES' (CAT. NO.90CH2811-8), LAS VEGAS, NV, USA, 20-23 MARCH 1990, pages 176-183, XP010001125</p> <p>1990, New York, NY, USA, IEEE, USA</p> <p>page 180-181, "Antenna-Receiver Redundancy" figure 1</p>	1-10
Y	<p>---</p> <p>BULLOCK J B ET AL: "Test results and analysis of a low cost core GPS receiver for time transfer applications"</p> <p>FREQUENCY CONTROL SYMPOSIUM, 1997., PROCEEDINGS OF THE 1997 IEEE INTERNATIONAL ORLANDO, FL, USA 28-30 MAY 1997, NEW YORK, NY, USA, IEEE, US,</p> <p>28 May 1997 (1997-05-28), pages 314-322, XP010257454</p> <p>ISBN: 0-7803-3728-X</p> <p>page 319-320, "Antenna Power Supply"</p>	1-10
A	<p>---</p> <p>PATENT ABSTRACTS OF JAPAN</p> <p>vol. 2000, no. 01,</p> <p>31 January 2000 (2000-01-31)</p> <p>&amp; JP 11 298380 A (NEC SAITAMA LTD),</p> <p>29 October 1999 (1999-10-29)</p> <p>abstract</p> <p>-----</p>	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/07248

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 11298380      A	29-10-1999	US      6339625 B1	15-01-2002
<hr/>			